

**FY10 SECTION 106 WORKPLAN
REGION 4 FLORIDA**

Draft or Final (Underline one)

Date of latest workplan revision

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Goal 2 - Clean and Safe Water

Goal 5 - Compliance and Environmental Stewardship

Task #	106 Workplan Task Description	Basis for 106 Workplan Task	Output/Outcome	Date Due	EPA Comments	(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If task is not completed, provide an explanation for any delays or issues encountered.)
<i>Monitoring Program Elements</i>						

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1	State Monitoring Strategy The state will review and maintain an updated comprehensive monitoring strategy containing all of the information as outlined in <i>Elements of a State Water Monitoring and Assessment Program</i> (EPA 841-B-03-003), including a timeline for implementation by 2014. Strategy revisions such as refined objectives, designs, evaluation processes, general support and infrastructure needs, technical issues and resource needs that are currently impediments to a comprehensive statewide monitoring program and other elements will be provided to EPA for review and approval.	Program Priority, CWA 106(e), & <i>Elements of a State Water Monitoring & Assessment Program</i> (EPA 841-B-03-003). EPA accepted Florida's monitoring strategy revised March 30, 2005) on June 11, 2005. WQ-5	Output: Revised Monitoring Strategy document -	12/31/10		Review of agency monitoring programs continues. An updated version of the 106 monitoring strategy was prepared and submitted to EPA in March 2009.

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Task # 2	106 Workplan Task Description Monitoring Workplan The State shall submit its projected annual monitoring and assessment workplan for FY09, consistent with the comprehensive monitoring strategy, including §106, 104, 604 and other monitoring activities.	State Document WQ-5	Output: FY 09 Strategic Monitoring Workplan document	Before 04/01/10		We can provide the 2010 Strategic Monitoring plans to EPA in January 2010. They are currently under development.

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3	<p>Strategy Implementation In addition to statutory and regulatory requirements included in tasks below, the State commits to implementing one or more specific monitoring program improvements, identified in its approved monitoring strategy and indicated in other appropriate tasks below, subject to the availability of other resources/funding.</p>	<p>Program Priority & <i>Elements of a State Water Monitoring and Assessment Program</i> (EPA 841-B-03-003) WQ-5</p>	<p>Output: Report on completion of Monitoring Tasks</p>	<p>12/31/10</p>	<p>The Status Network (probability) and Trend Network continue to be updated to add additional analytes to assist in measuring condition of surface and ground waters. These include biological measurements that are used in support of development of Biocriteria. Special projects are conducted to supplement development of TMDLs and TMDL development, as per supplemental 106 workplans.</p>
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4	Designs: Probability Networks, etc. The State commits to reviewing its network designs, such as probabilistic monitoring networks for making statistically valid inferences about the condition of all state water types, over time.	Program Priority & <i>Elements of a State Water Monitoring and Assessment Program</i> (EPA 841-B-03-003) WQ-5	Output: Description of Enhanced Network Designs and any revisions to those designs.	12/31/10		Design is completed, and implemented. Minor procedural changes are made and notated in a sampling manual which is updated regularly. A 2009 version of a design document will be submitted before 12/2009.
5	Indicators The State commits to continue to develop monitoring indicator capabilities over time (for example, additional resource types, parameters, biological assemblage for lakes, etc.).	Program Priority & <i>Elements of a State Water Monitoring and Assessment Program</i> (EPA 841-B-03-003) WQ-5	Output: Description of Enhanced Indicator Capabilities	12/31/10		Indicators are continuing to be developed through the Bureau of Assessment and Restoration Support and implemented once validated and adopted.

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6	Restoration Effectiveness: The State will monitor or support monitoring in priority watersheds where water restoration projects (e.g., 319 BMPs, TMDLs) have been planned and/or implemented in order to establish a baseline or to validate/ verify WQ changes in those waterbody segments. If baseline data obtained prior to project implementation and monitoring data obtained after project implementation are both available, the State will assess the effectiveness of the water restoration strategies employed. Consideration should be given to the attainment of water quality standards and designated uses.	Program Priority 2.2.1 SP-10 SP-11 SP-12	Output: Report on water restoration projects where pre- and post-project monitoring has been initiated or completed. Reporting will be accomplished via Florida's Basin Management Action Plan (BMAP) program, and coordinated with TMDL, 319, and IR programs.	12/31/10: Annual Update (including schedule of ongoing & upcoming BMAP projects).	As Florida's BMAP reporting process develops, a description of this process should be provided, to allow confirmation that it meets EPA's minimum restoration reporting needs.	DEP COMMENT: Our BMAPS include tracking and monitoring components and are available to EPA on our web site.
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7	Third Party Data: To enhance limited monitoring resources, and reduce duplication of efforts, the State will scientifically review "all existing and readily-available" data (FDEP and third party), for compelling evidence of water quality impairment or improvement and will use these data as indicators of water quality. The State may then monitor to supplement the available data to meet data requirements and thresholds for determining the waterbody's use support status and to confirm the actual water quality condition.	Program Priority 2.2.1	Output: Report use of third party data as indicator of change and as supplemental data in determination of waterbody water quality.	Florida's current approach of incorporating 3 rd party data into the IWR database and assessment process is acceptable. No additional report is needed		
8	Quality Assurance: Quality Management Plan (QMP) The State commits to maintaining an up-to-date and approved Quality Management Plan (QMP) The State shall review its QMP at least annually to reconfirm its suitability and effectiveness. When significant changes occur, as defined in EPA QA/R-2, the State shall revise and resubmit the QMP to EPA for review and approval. This plan has a lifespan of 5 years.	In accordance with EPA Order 5360.1 A2 and <i>EPA Requirements for Quality Management Plans</i> , EPA QA/R-2. 2.2.1	Output: Reconfirm Suitability of existing QMP. QMP expires 09/12/08.	12/31/09 – Confirm submission & approval of revised QMP.		DEP has prepared a Quality Assurance Directive that incorporates the critical components of the QMP into routine operations of the agency. DEP has submitted a revised QMP in 2009 and is waiting for EPA to respond
9	Quality Assurance: Quality	Pursuant to 40	Output:	As needed.		QAPPs will be

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<p>Assurance Project Plans (QAPP's) and Standard Operating Procedures (SOP's) The State commits to developing, maintaining, and peer reviewing Quality Assurance Project Plans (QAPPs) and Standard Operating Procedures (SOPs), consistent with the Data Quality Objective (DQO) process, for ambient monitoring and specific projects to ensure the scientific validity of monitoring and laboratory activities. The State shall review its 4/6/05 QAPP and SOPs as necessary to ensure consistency with the comprehensive monitoring program strategy. Revisions to the QAPPs and SOPs shall also be made to reflect program changes (such as staff, sampling or analytical techniques, data quality objectives, data validation procedures or data qualifiers, applicable regulations, data management protocols or procedures, or computer hardware or software requirements).</p>	<p>CFR 130.4(b) and EPA Order 5360.1 A2. The State submitted their CWA Section 106 Programmatic QAPP to EPA on 4/6/05. This QAPP was conditionally approved on 7/27/05.</p>	<p>Submit new or revised portions of the 4/6/05 QAPP and SOPs to EPA Region 4 for review and approval.</p>	<p>Prior to initiation of, or in conjunction with, Monitoring Efforts</p>		<p>prepared where needed. SOPs have been revised in 2009 as part of DEP's Quality Assurance Rule, 62-160. DQOs are set as part of the Quality Assurance Directive.</p>
<p>2.2.1</p>					

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10	Quality Assurance: Laboratory & other Audits State agrees to participate in any requested reviews or audits of its monitoring and analysis program by Region 4, including, but not limited to, the following: an annual review of the QAPP(s) for the ambient surface water quality monitoring program, and a data validation audit to ensure monitoring data is of known and documented quality.	Program Priority & <i>Elements of a State Water Monitoring and Assessment Program</i> (EPA 841-B-03-003) 2.2.1	Output: Audit reports.	As scheduled with SESD and End of Year State Report [Report status of implementation of corrective measures.]		Internal audits are already part of the routine QA process, and DEP will gladly cooperate with EPA during any audits.
11	Data Management: STORET The State commits to storing monitoring and assessment data from the state monitoring program in publicly accessible forms (such as STORET/WQX) in a timely manner. The state agrees to georeference such monitoring data. Data includes water chemistry, biology, habitat, fish tissue, toxicity, and sediment chemistry, over time, subject to availability of resources/funding.	Program Priority & <i>Elements of a State Water Monitoring and Assessment Program</i> (EPA 841-B-03-003) WQ-5	Output: Summary of data uploads to STORET/WQX. (e.g., number of data records uploaded to STORET/WQX)	12/31/10- Report status of data management and input to STORET/WQX data warehouse.		We will be sending a file of our STORET database in December to EPA. We hope to do this via XML generation at that time.

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12	Data Management: ADB Use an Assessment Database (ADB v.2 or other compatible electronic format) to record assessment decisions and provide geo-referencing information for assessment unit locations or provide strategy for accomplishing this WP element.	IR Guidance, WQ-7	Output: Summary of ADB (or compatible) data input activity. (e.g., number of assessment units added, number of stream reaches characterized)	12/31/10		Product can be sent to EPA in Spring 2010, but may require additional help from EPA's contractors to make it useable.
13	Data Analysis and Assessment Methods The State will document or refine its assessment methods for data and/or waterbody type, including use of state and other's data, consideration of trends, and incorporating the full range of available data.	Program Priority & Elements of a State Water Monitoring and Assessment Program (EPA 841-B-03-003) WQ-5	Output: Report on the use of comprehensive, scientifically valid assessment methodologies. Note: This function is accomplished via the Impaired waters rule.	As needed. Provide current version of IWR, when revised to incorporate new assessment methods.		DEP Comment: EPA already has most recently adopted version of the IWR – was approved as a change to WQS

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14	Integrated Report - the State shall submit its biennial CWA Section 305(b) report and Section 303(d) list as part of an integrated 305(b)/303(d) report to EPA consistent with schedules set forth in Federal regulations and EPA guidance. The State will submit its annual electronic update of key monitoring information along with NAD-compatible assessment data (when the State has converted to NAD-format) for all the waters assessed during the previous year. The geo-referenced data files will include the minimum data elements in accordance with the Appendices A & B of the 2006 Integrated Report Guidance.	Regulatory Requirement SP-10 SP-11 SP-12 SP-13 WQ-7	Output: Submittal of 305(b)/303(d) IR, and electronic update, to EPA.	04/01/10		Report will be submitted to EPA in April 2010. This will include assessments for Group 4-Cycle 1, Group 5-Cycle 1, Group 1-Cycle 2, Group 2-Cycle 2, and Group 3-Cycle 2.
15	State's Evaluation The State will evaluate its monitoring and assessment program through the following processes/activities [such as staff input, peer review, etc.] to document how well the state's monitoring designs and systems meet it's objectives and decision needs.	Program Priority & Elements of a State Water Monitoring and Assessment Program (EPA 841-B-03-003) WQ-5	Output: State self-assessment of monitoring and assessment program.	12/31/10		

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16	Joint Evaluation/Progress Report The State will assist EPA to conduct Annual Evaluations of progress in implementing work plan commitments by providing status reports for each task. The report should be this work plan with the "end of year state report/state comments" column addressed.	Program Priority Regulatory Requirement 40 CFR 31.40 (b) 40 CFR 35.115 (a) 2.2.1	Output: 106 Annual Progress Report	12/31/10		
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